

KUPIRIYANOV, A.P., inzh.; SIDOROVICH, Ye.A., inzh.

Economic characteristics of the region adjacent to the Western
Siberian Railroad Line. Trudy NIIZHT no.33:123-137 '63.
(MIRA 17:3)

SIDOROVICH, Ye.A. [Sidarovich, E.A.]

Effect of floodplain forests of the Dnieper Valley on the acc-
cumulation and melting of snow and on soil freezing. Vestsi AN
BSSR Ser. bial. nav. no.3:26-35 '04 (MIRA 18:1)

SIDOROVICH, Ye.A.

Characteristics of silvicultural conditions in the oak-dominant forests of the Dnieper floodplain. Bot.; issl. Bel. otd. VBO no. 7:100-105 '65.

(MIRA 18:12)

L 59224-65 EWT(m)/EPF(c)/EWP(j)/T Pe-4/Pr-4 RM

ACCESSION NR: AP5016879

UR/0374/85/000/003/0015/0020
678:539.32

24

B

AUTHOR: Marey, A. I. (Leningrad); Sidorovich, Ye. A. (Leningrad); Novikova, G. Ya.
(Leningrad)

TITLE: Influence of the crystalline phase in rubberlike polymers on their elasticity

SOURCE: Mekhanika polimerov, no. 3, 1965, 15-20

TOPIC TAGS: divinyl rubber, isoprene rubber, natural rubber, rubber elasticity

ABSTRACT: The article deals with the influence of crystallization of divinyl (SKD) and ¹⁵
isoprene rubbers (NK, SKI-3, SKI) of regular structure on their elasticity in the transition
temperature region. The elastic properties of the polymers were determined with a KS
pendulum elastometer over a wide temperature range, and the data obtained were used to
calculate the rebound elasticity and the dynamic elastic modulus. Crystallization was
studied dilatometrically. Plots of the temperature dependence of the rebound elasticity
are given for the range -120C to 0C.^b It was found that the formation of a crystalline phase
in the rubber causes a uniform increase of the rebound elasticity in the transition region.
A quantitative relationship was established between the minimum elasticity E_{min} and the
content of the crystalline phase, showing that E_{min} can be used to evaluate the crystallinity
of such polymers. Orig. art. has: 7 figures and 1 table.

Card 1/2

L 59224-65

ACCESSION NR: AP5016879

ASSOCIATION: None

SUBMITTED: 26Dec64

ENCL: 00

SUB CODE: MT

NO REF SOV: 005

OTHER: 002

dm
Card 2/2

L 45246-65 - EWT(m)/EPF(c)/EWP(j) - Pg-4/Pt-4 RM
ACCESSION NR: AP5010846 UR/0138/65/000/004/0001/0004

21
19
30

AUTHOR: Marey, A. I.; Sidorovich, Ye. A.

TITLE: Effect of molecular weight on the dynamic mechanical properties of cis-1, 4-butadiene rubber SKD

SOURCE: Kauchuk i rezina, no. 4, 1965, 1-4

TOPIC TAGS: synthetic rubber, butadiene rubber, polyvinylacetate, rubber crystallization, rubber mechanical property, rubber molecular weight, rubber elasticity / SKD rubber

ABSTRACT: Laboratory samples of SKD rubber with molecular weights between 24,000 and 800,000 were studied at temperatures of -100 to 100C. The dynamic properties were measured with a KS pendulum elastometer. In the range of molecular weights of 100,000 to 800,000, a relationship was found between the rebound elasticity and the molecular weight which is expressed by the equation $90-E = K \times 1/M$, where E is the elasticity and $K=98 \times 10^5$. This permits a rapid evaluation of the molecular weight of rubber polymers. A simple relationship was also found between the rebound elasticity and temperature for natural rubber and polyvinyl acetate of various molecular weights; it applies to plastics as well. More complex relation-

Cord 1/2

L 45246-65

ACCESSION NR: AP5010846

ships obtain when the SKD rubber has partially crystallized. A similarity was established between the dynamic mechanical behavior of rubbers of various molecular weights in the temperature range of the highly elastic state. In the range of above-zero temperatures, the behavior of crystallizing and amorphous polymers is the same; at sub-zero temperatures, the dynamic properties of crystallizing rubbers decline appreciably owing to the development of crystallization phenomena whose role increases with the molecular weight. "The fractions were prepared by Ye. G. Erenburg using the method of fractional precipitation." Orig. art. has: 5 figures.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo kauchuka im. S. V. Lebedeva (All-Union Scientific Research Institute of Synthetic Rubber)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT

NO REF Sov: 007

OTHER: 005

Card 2/2 08/11

ZHURAVEL', A.I., kand. econom. nauk; KAZAKOVTSOV, N.M.; SIDOROVICH, Ye.A., inzh.; KOZHEVNIKOV, Ye.N., inzh.; RAZUVAYEV, A.S., inzh.

Improvement of the economic work in stations. Zhel. dor. transp.
47 no.3:69-72 Mr '65. (MIRA 18:5)

1. Nachal'nik proizvodstvenno-tehnicheskogo otdela stantsii
Novosibirsk-Glavnyy (for Kazakovtsov).

SIDOROVICH, A. [Sidorovich, I.A.]

Types of associations of oak forests in the floodplain of
the Dnieper River. Vestsyi AN BSSR, Ser. bial nav. no.1:
21-26 '65. (MIRA 18:5)

L 14166-66 EWP(j)/EWT(m)/(T) RM/WW

ACC NR: AP6003943

SOURCE CODE: UR/0374/65/000/005/0085/0089

AUTHOR: Marey, A. I. (Leningrad); Sidorovich, Ye. A. (Leningrad)

ORG: none

TITLE: Dynamic and mechanical properties of heterogeneous polymer systems

SOURCE: Mekhanika polimerov, no. 5, 1965, 85-89

TOPIC TAGS: copolymer, block copolymer, rubber, butadiene, isoprene, dynamic ^{structure}, mechanical fatigue solid mechanical property

ABSTRACT: The dynamic and mechanical properties of copolymers, block polymers, and rubber blends based on butadiene and isoprene have been investigated over a wide temperature range. The fundamental principles of dynamic behavior of heterogeneous polymer systems have been elucidated permitting the use of the above procedure for the determination of polymer compatibility, their content in blends, and of the composition of copolymer. Butadiene-isoprene copolymers were prepared by L. S. Bresler, and block copolymers by G. N. Petrov. Orig. art. has: 4 figures. [Based on author's abstract].

SUB CODE: 11/ SUBM DATE: 11Mar65/ ORIG REF: 008/ OTH REF: 002

Card 1/1

UDC: 678:620.168.3

44
B

STOLYAROVA, L.G., SIDOROVSKAYA, M.D.

Disorders of the body image. Sov. med. 27 no.3:99-103 Mr '64.
(MIRA 17:11)
1. Institut neurologii (dir. - deyatel'nyy chlen AMN SSSR, Laureat
Leninskoy premii prof. N.V. Konovalov) AMN SSSR, Moskva.

SHIROVSKAYA, M.B.

Electric activity of the respiratory musculature during changes in
the gas content of the blood in patients under apparatus artificial
respiration. Zhur. nevr. i psikh. 64 no.11:1603-1610 '64.
(MIRA 18:6)

I. Institut nevrologii (direktor - prof. N.V. Konovalov) AMN SSSR,
Moskva.

POLOVA, L.M.; SLEKOVSKAYA, M.D.; CHUKHOVA, V.S.

Effect of changes in the gaseous content in blood on the electric activity of respiratory muscles and brain in patients having been a long time under artificial respiration. Zhur. nevr. i psikh. (MIRA 19:1) 65 no.12:1810-1817 '65.

I. Institut neurologii (direktor - prof. N.V. Konovalov) AMN SSSR,
Moskva. Submitted July 29, 1964.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9

SIDOROWSKIY, S. A., Major, Vet Corps

"Disinfecting Horses with Sulfur Dioxide and Its Effects on the Morphology of Blood"

Bolezni Ioshadey, Sbornik Rabot, Ogiz-Sel'khozgiz, 194'

W-9922

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9"

NOVOSELOV, S.S.; VARTANYAN, A.M.; KISHKAREV, V.A.; AVERCHENKOV, D.O.;
SIDOROVSKIY, V.A.

Pilot plant testing methods of removing copper from ~~crude~~ lead
with transfer of the copper into matte. TSvet. met. '35 no.5:
25-31 My '62. (Lead--Metallurgy) (Copper--Metallurgy)
(MIRA 16:5)

SOV/136-59-1-9/24

AUTHORS: Averchenko D.O., Kopchenko D.S., Pron'kin V.P.,
Sidorovskiy V.A., Kershanskiy I.I. and Ovcharenko V.P.

TITLE: Introduction of an Electrothermic Method of Distilling
Zinc from Silver Crust at the Ust'-Kamenogorskiy Lead
Works (Vnедрениe elektrotermicheskogo sposoba distill-
yatsii tsinka iz serebristoy peny na Ust'-Kamenogorskem
svintsovom zavode)

PERIODICAL: Tsvetnyye Metally, 1959, Nr 1, pp 33-40 (USSR)

ABSTRACT: The authors point out that as continuous desilvering of lead is not used in the USSR, methods of crust enrichment are being sought. A system (Ref 7) in which fusion under carnalite is followed by vacuum distillation has proved unsatisfactory while that successfully used in Bulgaria (Ref 8) is not applicable to Soviet crusts. Based on enlarged laboratory and pilot plant work at the VNITsvetme; in 1956-1957 (Ref 9) an experimental production unit based on electrothermic zinc-distillation was built at the Ust'-Kamenogorskiy lead works and has operated from November 1957 to the present. The authors give the results obtained and describe the plant.

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SOV/136-59-1-9/24

Introduction of an Electrothermic Method of Distilling Zinc from
Silver Crust at the Ust'-Kamenogorskiy Lead Works

I.P. Volkov, N.V. Kungurov, K.B. Boztayev, D.R. Demurin, and others from the works and V.P. Kuur, F.A. Mardamshin, Yu.K. Medel'tsov, A.I. Tkachenko and V.P. Shchurukov of VNIIITsvetmet, participated. The electro-thermic installation (Fig 1) consisting of an electric furnace, oxidation chamber and dust catchers, was designed by the design department of the UKSTS_K under the direction of A.V. Bratchik. The works and VNIIITsvetmet laboratories performed necessary chemical analyses. The 3-phase 300-kVA furnace has a hearth bottom area of 2 m² and an effective height of 1.8 m. Fig 2 shows a vertical section through the furnace. The normal tapping hole is situated 140 mm above the bottom. The furnace is charged with an Irtyshskiy medeplavil'nyy zavod (Irtysh copper-smelting works) type feeder (Fig 3). Power is supplied by two type EPOM-250/6 transformers with a total rating of 500 kVA. The electrodes are graphitized and 200 mm in diameter. Distillations of zinc were effected at 1150-1300°C, giving lead bullion (sent for cupellation), dust (discharged periodically and sent to the zinc works) and

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SOV/136-59-1-9/24

Introduction of an Electrothermic Method of Distilling Zinc from Silver Crust at the Ust'-Kamenogorskiy Lead Works

gases. All materials were weighed, gas flows were measured and, during runs for establishing materials balances, gas analyses were periodically carried out. In such runs a crust containing 64.35% lead, 25.8% zinc, 0.55% copper and 8407 g/ton silver of somewhat variable size-grading (Table 1 shows this for two samples) was used. The results (Table 2) of a 16-day run in 1957 show that 95% of the lead in the crust was transferred into the bullion which, the authors recommend, should be refined electrolytically. The products were almost exclusively lead bullion (which contains the major part of the noble metals) and distillate (71.3 and 35.2% respectively of the weight of crust taken). Losses of lead, zinc and silver, were insignificant. The adoption of the electrothermic method at the works (Fig 4 shows the flowsheet) has led to a doubling of labour productivity and a Card 3/4 4.49% improvement in raw-materials utilization as well

SOV/136-59-1-9/24

Introduction of an Electrothermic Method of Distilling Zinc from
Silver Crust at the Ust'-Kamenogorskiy Lead Works

as to improved working conditions in the cupellation
department and great economies.

There are 4 figures, 2 tables and 9 references, 8 of
which are Soviet and 1 English.

ASSOCIATIONS: Ust'-Kamenogorskiy svintsovo-tsinkovyy kombinat
(Ust'-Kamenogorsk Lead-Zinc Combine) and VNIITsvetmet.

Card 4/4

SIDOROVSKIY, V.A.

New phase of the hydraulic fracturing involving lime injection.
Neft.khoz. 37 no.12:21-24 D '59. (MIRA 13:5)
(Oil wells--Hydraulic fracturing)

SIDOROVSKIY, V. A.

Hydraulic fracturing of a horizontal well. Neftianik 5 no. 1:11-12
Ja '60. (MIRA 13:11)

(Oil wells--Hydraulic fracturing)

SIDOROVSKIY, V.A.

Preparation of special emulsions for hydraulic fracturing.
Neftianik 5 no.8:8-9 Ag '60. (MIRA 14:8)

1. Nachal'nik tsekha kapital'nogo remonta neftepromyslovoego
upravleniya Kirel'neft'.
(Oil wells—Hydraulic fracturing)

SIDOROVSKIY, V.A.

Electrical heating of the well bottom zone. Neft. khoz.
38 no.7:16-19 Jl '60. (MFA 14:10)
(Oil fields--Production methods)

SIDOROVSKIY, V.A.

Supplementary studies of the electric heat treatment of well bottom
zones. Neft. khoz. 38 no.11:13-16 N '60. (MIRA 14:4)
(Oil fields--Production methods)

SIDOROVSKIY, V.A.

Pattern flooding by means of forced flow. Neftianik 6 no.3:14-15
Mr '61. (MIRA 14:10)

1. Nachal'nik tsekha vtorichnykh metodov dobychi nefti
neftepromyslovogo upravleniya Kinel'neft', Kuybyshevskoy oblasti.
(Oil field flooding)

SIDOROVSKIY, V.A.

We are utilizing old equipment. Neftianik 6 no.5:30 My '61.
(MIRA 14:5)
(Kinel' region—Oil fields—Equipment and supplies)

SIDOROVSKIY, V.

Electric heat of the bottom area. Neftianik 6 no.8:11-13 Ag '61.
(MIRA 14:10)

1. Nachal'nik uchastka Yablonovskogo neftepromysla.
(Kuybyshev Province--Oil fields--Production methods)

SIDOROVSKIY, V.A.

Electric heating of the well bottom zone of a bed under the pump.
Neft. khoz. 39 no.5:62-63 My '61. (MIRA 14:9)
(Oil fields--Production methods)

SIDOROVSKIY, V.A.

Electric heating of the bottom hole zone and injection of the
heated fluid into layers. Neft. khoz. 40 no.5:62-63 My '62.
(MIRA 15:9)

(Oil fields--Production methods)

SIDOROVSKIY, V.A.

Practical experiment in well testing in the West-Siberian Plain.
Neft, khoz. 41 no.4:42-46 Ap '63.

(MIRA 17:10)

SIDOROVSKIY, V.A.

Results of treating the well-bottom zone of a prospecting well in
the Magion field with a surface-active agent. Nefteprom. delo
no.9:16-18 '63. (MIRA 17:4)

1. Tyumenskiy filial Sibirsogo nauchno-issledovatel'skogo
instituta geologii, geofiziki i mineral'nogo syr'ya.

SIDOROVSKIY, V.A.

Effect of drilling the mud on the reservoir bottom zone.
Neft.khoz. 41 no, 12:17-26 D '63. (MIRA 17:6)

SIDOROVSKIY, V.A.

Dependence of the state of the bottom zone of a reservoir on the
type of reservoir rock for regions in Western Siberia. Nefeprom.
delo no.5:10-14 '64. (MIRA 17:9)

1. Tyumenskiy filial Sibirskogo nauchno-issledovatel'skogo
instituta geologii, geofiziki i mineral'nogo syr'ya.

SIDOROVSKIY, V.A.

Effect of asphaltenes on the permeability of reservoir bottom
zones. Nefteprom. delo no.7:15-18 '64. (MIRA 17:8)

1. Filial Sibirs'kogo nauchno-issledovatel'skogo instituta
geologii, geofiziki i mineral'nogo syr'ya.

SILOROVSKIY, V.A.

Effect of cavities in the filtration surface of a well on
the permeability of the well-bottom zone. Izv. vys. ucheb.
zav.; neft' i gaz 7 no.3:49-54 '64. (MIRA 17:6)

1. Tyumenskiy filial Sibirskego nauchno-issledovatel'skogo
instituta geologii, geofiziki i mineral'nogo syr'ya.

SIDOROVSKIY, V.A.

Using surfactants in the testing of prospecting wells in the West
Siberian Plain. Neft. khoz. 42 no.8:61-64 Ag '64.
(MIRA 17:9)

SIBOROVSKIY, V.A.

Method for determining the volume of drilling-mud filtrate absorbed
by a bed. Burenie no.4:32-34 '65. (MIRA 18:5)

1. ZapSibNIGNI.

SIDOROVSKIY, V.A.

Treating the bottom zone of well 49 of the Surgut petroleum
prospecting expedition with the OP-7 solution. Neft. khoz.
43 no. 2, 71-73 '65. (MIRA 18:4)

SIDOROVSKIY, V.A.; VOL'SKIY, M.I.

Using surfactants in the test exploitation of the Ust'-Balyk
oil field (Western Siberia). Nefteprom. delo no.3:8-11 '65.
(MIRA 18:10)

1. ZapSibNIGNI.

SIDOROVSKIY, V.A.

Analyzing hydrodynamic data on fractured reservoirs in testing oil
wells. Neft. kloz. 43 no.9:41-47 S '65.

(MIRA 18:10)

BOBRANSKI, Boguslaw; SJDOROWICZ, Antoni

Experiments aiming the improvement of the equipment for the determination of oxygen in organic compounds using Schuetze's method. Chem anal 6 no.6:979-985 '61.

1. Department of Pharmaceutical Chemistry, Academy of Medicine, Wroclaw.

*

SIDOROWICZ, A.

Oxidative decarboxylation of aromatic acids into isomeric aryloxy derivatives. Wiad chem 16 no. 4:269 Ap 62.

SIDOROWICZ, E.

Some remarks on the utilization of barley for brewing. p.97

PRZEMYSŁ SPOŁECZY. (Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Przemysłu Spożywczego) Warszawa, Poland
Vol.9, no.3, Mar. 1955

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1960

Uncl.

SIDOROWICZ, Janina

Case of Q fever. Polski tygod. lek. 13 no.43:1690-1691 27 Oct 58.

1. Z Lecznicy Ministerstwa Zdrowia; Ordynator: prof. dr med M. Fejgin;
Dyrektor: dr med. W. Kulesza.
(Q FEVER, case reports (Pol))

DOWGIRD, Adam; SIDOROWICZ, Jozef

A pleural abscess of many years' standing treated by decortication.
Polski przegl. chir. 30 no.4:399-402 Apr 58.

1. Z II Kliniki Chirurgicznej A. M. w Białymostku Kierownik: dr med.
T. Jankowski Białystok, ul. Wojskowa 13, m. 59.

(PLEURA, abscess
surg., decortication of lung (Pol))

(LUNGS, surgery
decortication in pleural abscess (Pol))

STRONNICTWA, S.

Traffic control lights. p. 190.

(INSTYTUCJA. Vol. 12, No. 6, June 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

SIDROWICZ, J.

Crossroads and traffic safety, p. 65.

MOTORZACJA. (Ministerstwo Transportu Drogowego i Lotniczego),
Warszawa, Poland
Vol. 14, No. 3, Mar 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11,
November 1959
Uncl.

RECORDED, S.

1. o. 10. In the direction on the safety of the street traffic in cities.
1. 12.

1959. (Przeglad Kolejowy) Warsaw, Poland. Vol. 14, no. 3,
March, 1959.

Monthly List of East European Acquisitions (EEAI) LC, Vol. 8, no. 7, July 1959

Encd.

SIDOROWICZ, Jerzy, mgr., inz.

Road accident analysis for improving highway traffic safety.
Drogownictwo 17 no.3:63-66 '62.

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9

SIDOROWICZ, Jerzy, dr

Raising animals in the Arctic zone. Problemy 18 no.12:855-860 '62.

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9"

SIDOROWICZ, Jerzy

Comparison of the morphology of representatives of the
genus Lemus Link, 1795 from Alaska and the Palaearctic.
Acta theriolog 8 no.1/16;217-226 '64.

1. Institute of Mammals, Bialowiesza, of the Polish Academy
of Sciences.

KALOFIŃSKI, Michał; SIDOMOWICZ, Józef; SZCZYGIŁ, Ryszard

Temporary restoration of cardiac activity in a case of asystole caused by electric current. Pol. tyg. lek. 17 no 35:1390-1391
27 Ag '62.

1. Z II Kliniki Chirurgicznej AM w Białymstoku; kierownik: prof. dr med. T. Jankowski i z Pracowni Elektrokardiograficznej Wojewódzkiego Szpitala im. Sniadeckiego w Białymstoku; kierownik: doc. dr med. W. Zankiewicz.

(ELECTRIC INJURY) (HEART ARREST) (RESUSCITATION)

JANKOWSKI, Tadeusz; SIDOROWICZ, Jozef

Transcutaneous transhepatic cholangiography in differentiating
of jaundice. Pol. przegl. chir. 35 no.7/8:830-833 '63.

l. Z II Kliniki Chirurgicznej AM w Białymostku Kierownik:
prof. dr T. Jankowski.

(JAUNDICE) (DIAGNOSIS, DIFFERENTIAL)
(CHOLANGIOGRAPHY)

KAPUSCINSKI, W. J.; FABIAN, A.; WOZNIAKOWA, I.; SIDOROWICZ, L.

Ratio of myopia to glaucoma. Klin. oczna 26 no.1:53-66
1956.

1. Z Kliniki Ocznej A. M. we Wrocławiu. Kier.: prof. dr. med.
W. J. Kapuscinski.

(GLAUCOMA, complications.

myopia. (Pol))

(MYOPIA, complications

glaucoma. (Pol))

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9

SIDOROWICZ, R. S.

5473 A WIDEBAND POLYPHASE FREQUENCY CHANGER
R. S. Sidorowicz

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9"

SIDOROVICH, R.S. [Sidorowicz, R.S.]; ASLANIAN, R. [translator]

Cold-cathode tube circuits for automation. Pt.1. Novosti
avtomat telemekh 1:55-71 '62.

ZIDOROWICZ, W.

"Sports for hard-working people", p. 4, (ZDROWIE, Vol. 5, No. 8, 1953, Warszawa,
Poland)

SO: Monthly List of European Accessions, L.C., Vol. 3, No. 4, April, 1954

SIDOROWICZ, W.; OSINSKI, T.; WIECLAWEK, B.

Vitamin C in urine of cyclists. Polski tygod. lek. 6 no. 37: 1183-
1185 10 Sept. 1951
(CLML 21:3)

1. Of the Second Clinic of Internal Diseases (Head--Prof. M.
Semenau-Siemianowski, M. D.) of Warsaw Medical Academy and of the
Main Medical Center for Sportsmen (Director--Z. Zajaczkowski, M. D.),
Warsaw.

SIDOROWICZ, W;OSINSKI, T;WIECŁAWEK, B.

Behavior in vitamin C in urine of skiers. Polski tygod. lek.
7 no.7-8:187-191 18 Feb 1952. (CIML 22:2)

1. Of the Second Clinic of Internal Diseases (Director--Prof. M. Semerau-Siemianowski, M. D.) of Warsaw Medical Academy and of the Medical Consultation Center for Athletes (Director--Z. Zajaczkowski, M. D.) in Warsaw.

SIDOROWICZ, W.; BADOWSKI, Z., (Warszawa); LUKAWSKA, M.

Knock-out following punch in the cardiac region with pleural complications. Przegl. lek., Krakow 11 no.10:305-310 1955.

1. Z Glownej Przychodni Sportowo-Lekarskiej w Warszawie.
Dyrektor: dr. Z. Zajaczkowski.

(ATHLETICS, pathology,

boxer's knock-out after punch in cardiac region with
pleural compl.)

(PLEURA, diseases,

compl. in knock-out after punch in cardiac region in
boxer)

(THORAX, diseases,

knock-out after punch in cardiac region with pleural
compl. in boxer)

POLAND

ILMURZYNsKA, Krystyna and SIDOROWICZ, Waclaw, Cardiology Clinic (Klinika Kardiologii), Physicians' Post-graduat Courses (Studium Doskonalenia Lekarzy) of the AM [Akademia Medyczna, Medical Academy] in Warsaw (Director: Prof. Dr. med. E. ZERA) and Central Sports-Medical Outpatient Clinic (Centralna Przychodnia Sportowo-Lekarska)

"Phonocardiographic Tracings in Sportsmen."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 13, 25 Mar 63,
pp 467-470.

Abstract: [Authors' English summary] Phonocardiographic tracings were performed in 30 bicyclists of the national olympic cadre. No abnormal tracings were noted. The value of phonocardiographic tracings in the medicine of sportsmen, especially in the interpretation of systolic murmurs, is discussed. There are seven (7) references, of which one (1) each are Polish, Russian, and Italian, and the remaining four (4) are English.

1/1

POLAND

SIDOROWICZ, Waclaw, Dr. med., Director of Central Outpatient Sports-Medical Clinic (Centralna Przychodnia Sportowo-Lekarska) in Warsaw

"Changes in Urine in Sportsmen."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 29, 15 Jul 63,
pp 1055-1057

Abstract: [Author's English summary] Urine examination was performed in 685 sportsmen of various fields of sport. Samples were taken at rest, after exercises, and after races. The changes found in the urine are, in the opinion of the author, not due to damage or the disease of kidneys, but rather the transient effect of exertion. This should not be interpreted as a contraindication for sport, but rather as signs of improper training. There are 7 references: 2 Polish, one (1) each German and Italian, and 3 Czech.

1/1

ILMURZYNsKA, Krystyna; SIBROWICZ, Waclaw

Attempted evaluation of a phonocardiographic phenomenon in
athletes. Pol. tyg. lek. 18 no.13:467-470 25 Mr '63.

1. Z Kliniki Kardiologii Studium Doskonalenia Lekarzy A.M. w
Warszawie; kierownik: prof. dr med. E. Zera i z Centralnej
Przychodni Sportowo-Lekarskiej.
(PHONOCARDIOGRAPHY) (SPORT MEDICINE)

SIDOROWICZ, Wacław

Urinary changes in athletes. Pol. tyg. lek. 18 no.29:1055-1057
15 J1 '63.

1. Z Centralnej Przychodni Sportowo-Lekarskiej w Warszawie;
dyrektor: dr med. Wacław Sidorowicz.
SPORT MEDICINE) (URINE)

L 22479-66 EWT(m)/T

ACC NR: AP6007939

(A)

SOURCE CODE: UR/0318/66/000/001/0020/0022

AUTHOR: Bronfin, I. B.; Sidorskaya, L. F.; Slepchenko, L. G.; Vinnikova, R. A.;
Kurach, L. S.ORG: Omsk Oil Refinery (Omskiy neftepererabatyvayushchiy zavod) 38
B

TITLE: Synthesis of alkylphenols for oil additive manufacturing using silica-alumina catalysts

SOURCE: Neftepererabotka i neftekhimiya, no. 1, 1986, 20-22

TOPIC TAGS: alkylphenol, petroleum product, lubrication oil, lubricant, lubricant property, lubricant additive

ABSTRACT: Catalytic synthesis of alkylphenols based on technical grade phenol fraction and olefin fraction boiled below 80°C was investigated. The synthesis was conducted by passing a mixture of 27-28 wt % phenol fraction and 72-73 wt % olefin fraction through a tubular reactor packed with silica-alumina cracking catalyst. At an optimum reaction temperature equal to 150°C, the yield of alkylphenols was 25-30 wt % per pass. The lubricating oil additive based on the product alkylphenol was found to conform to the GOST standard for quality. Alkylphenol characteristics reaction temperature is graphed. Orig. art. has: 4 figures.

SUB CODE: 07, 11 SUBM DATE: 00/ ORIG REF: 008/ OTH REF: 002

Card 1/1 BK

UDC: 665.652.4-4 : 665.4-4 : 66.022.313

SIDORSKI, Sergiusz

Sensitivity of *Giardia intestinalis* to nitrofurantoin. Wiad.
parazytol. 11 no.1845-49 '65

I. Klinika Chorob Wewnętrznych i Zakład Higieny Akademii
Medycznej, Białystok.

HOLAK, Michal; SIDORSKI, Tadeusz; BILINSKI, Zbigniew

Cervico-trochanteric fractures of the femur according to own material. Chir.narz.ruchu ortop.polska 25 no.1:49-53 '60.

1. Z Oddzialu Chirurgii Urazowej 4 Wojskowego Szpitala Okregowego we Wrocławiu. Ordynator: dr. M. Holak.
(FEMUR NECK fract & disloc.)

SIDORSKI, T.; BIENIEK, J.; KOMAR-KLATT, K.; KUZINOWICZ, E.

Causes of the appearance and therapeutic results in delayed union
and pseudarthrosis of the long bone according to our material. Chir.
narz. ruchu ortop. polska 26 no.5:575-583 '61.

1. Z Kliniki Ortopedycznej AM i Oddzialu Ortopedycznego Szpitala
Wojewodzkiego we Wrocławiu Kierownik: dr J. Kowalski.
(FRACTURES UNUNITED) (PSEUDOARTHROSIS)

SIDORSKI, T.; KOPROWSKI, L.; PRZYBYLSKI, J.; KRAWCZYK, E.

Clinical evaluation of various osteoplastic methods in the osteosynthesis
of delayed union and pseudoarthrosis of the long bone. Chir. narz.
ruchu ortop. polska 26 no.5:585-592 '61.

1. Z Kliniki Ortopedycznej AM i z Oddzialu Ortopedycznego Szpitala
Wojewodzkiego we Wrocławiu Kierownik: dr J. Kowalski.
(FRACTURES UNUNITED surg) (PSEUDARTHROSIS surg)

PRZYBYLSKI, Jerzy; SIIDORSKI, Tadeusz

A device for the measurement of the height and length of
the foot. Chir. na rzad. ruchu ortop. pol. 28 no. 5:549-551
'63.

1. Z Kliniki (rtopedycznej AM i Oddzialu Ortopedycznego
Szpitala Wojewodzkiego we Wrocławiu. Kierownik Kliniki i
Oddzialu: doc. dr. J.Kowalski.

SIDORSKIY, A.G.

Oxidation-reduction potential and biochemistry in hothouse
cucumber leaves as related to the sex differentiation of
plants. Nauch. i tekhnichesk. voprosy biologii rastenii no. 4:167-169 '65.
(MIRA 18:10)

I. Rekomendovana kafedroy fiziologii i biokhimii rasteniy
Gor'kogo gosudarstvennogo universiteta imeni N.S. Chichchinskogo.

SIDORSKIY, A.G.

Effect of presowing irradiation of seeds on oxidative-reduction balance and biochemistry of hothouse cucumber leaves as related to the sex differentiation of plants. Radiobiologija 5 no.4: 584-588 '65. (MIRA 18;9)

1. Gor'kovskiy gosudarstvennyy universitet imeni N.I. Lobachevskogo.

SIDORSKIY, I.P.

Work of the Vitebsk Province Center for health education. Zdrav.
Belor. 6 no. 10:55-56 0 '60. (MIRA 13:10)
(VITEBSK PROVINCE—HEALTH EDUCATION)

OSIN, A.Ye., kand.sel'skokhoz. nauk; SIDORTSOV, N.I.

Stubble crops in Gomel' Province. Zemledelie 25 no.7:47-48 Jl '63.
(MIRA 16:9)

1. Gomel'skaya oblastnaya gosudarstvennaya sel'skokhozyaystvennaya
opytnaya stantsiya.
(Gomel' Province—Field Crops)

SIDORTSOV, V. I., CAND AGR SCI, "MEAT QUALITY OF SHEEP
OF ASCANIAN BREED (VARIOUS CONSTITUTIONAL TYPES) IN COMPA-
RISON TO CORRIE DALE SHEEP." STAVROPOL', 1960. (MIN OF AGR
RSFSR, STAVROPOL' AGR INST). (KL, 2-61, 215).

-225-

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CIA-RDP86-00513R001550520004-9

2000, 11, 1.

According to "The Secretariat of the ~~Ve~~ Central Committee of the
USSR...," Dr. A. G. M. in the lottery is M. I. Kurshev, And
Sov. S.R. Moscow, October 1959. (Vestnik Akademii Nauk, No. 5)(Source gives
brief summary of work.)

SP: SP-310, 22 Oct 1959

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001550520004-9"

SIMONOVA, S.; SIDORUK, I.S., prof., nauchnyy rukovoditel'

Gramineous plants in Kuybyshev Province. Uch.zap.Kuib.gos.ped.
inst. no.37:33-37 '62. (MIRA 16:1)
(Kuybyshev Province—Grasses)

PIKHALENKO, I.G., gornyy inzh.-elektromekh.; SIDORUK N.S., gornyy inzh.-elektromekh.; FAYERMARK, A.A.; gornyy inzh.-elektromekh.

Automation of the production processes in the Southern Mining and Dressing Combine crushing plant. Gor.zhur. no.3:53-55 Mr '60.
(MIRA 14:5)

1. Yuzhnnyy gorno-obogatitel'nyy kombinat, Krivoy Rog.
(Ore dressing) (Automatic control)

POLYAKOV, V.G., inzh.; SIDORUK, N.S., inzh.; YUKHMANOVA, M.G.;
SKORYKH, S.S.

Certain problems in the design of ore dressing plants. Gor.
zhur. no. 11:67-70 N '60. (MIRA 13:10)

1. Yuzhnnyy gornyo-obogatitel'nyy kombinat (for Yukhmanova).
2. Nauchno-issledovatel'skiy geologo-razvedochnyy institut,
Krivoy Rog (for Skorykh).
(Ore dressing)

SIDORUK, N.S.

Change of the electric network of single-beam traveling cranes.
Prom. energ. 15 no. 7:26-27 Jl '60. (MIRA 15:1)
(Electric cranes)

SIDORUK, S.; ROBUSTOV, A.; KUZ'MICHEV, M.

We are changing to a system of management without workshops. Sets.
trud 5 no.8:128-130 Ag '60. (MIRA 13:11)

1. Nachal'nik otdela truda i zarabotkov platy Severo-Kazakhstan'skogo
sovarkhoza (for Sidoruk). 2. Dnepropetrovskiy sovarkhos (for
Robustov, Kuz'michev).

(North Kazakhstan--Economic region--Industrial management)
(Dnepropetrovsk--Machinery industry)

2243
S/125/61/000/001/014/016
A161/A133

| 2300

AUTHORS: Vorob'yev, V.M., Sidoruk, V.S.

TITLE: Two-arc welding improves the quality of butt welds in joints without shaped edges

PERIODICAL: Avtomaticheskaya svarka, no. 1, 1961, 76-77

TEXT: Bilateral automatic submerged-arc welding of butt joints without shaping the edges is used for work of up to 50 mm thickness. The method requires an obligatory gap between the edges, and the two seams are welded in succession. Peculiar slag inclusions (Fig.1) forming sometimes in the first seam cannot be filled with metal from the second seam on the other side, and the result are round slag inclusions. The cause of this defect is not yet found. Two-arc welding can be recommended to eliminate them. The second arc will remelt the partly crystallized metal of the seam produced by the first arc, fuse the top of the slag inclusion and considerably decrease its height (Fig. 2). Or, the slag inclusions may be eliminated completely by using a higher arc voltage for the second seam. It is emphasized that an inclined second

Card 1/3

VASILEVSKIY, L.V., inzh.; SIDORUK, V.S., inzh.; SHATAYLO, D.V., inzh.

Electric slag welding of flanges. Svar. proizv. no. 5:31-32 My
'61. (MIRA 14:4)

1. Dnepropetrovskiy zavod metallokonstruktsiy imeni Babushkina.
(Flanges--Welding)

8/125/61/000/002/009/013
A161/A133

AUTHORS: Dobroserdov, V. P., Sidoruk, V. S.

TITLE: Auxiliary installation for semiautomatic welding

PERIODICAL: Avtomaticheskaya svarka, no. 8, 1961, 86-87

TEXT: The described installation, shown in a photo and a drawing is used at the Plant im. Babushkina in Dnepropetrovsk. It enabled the plant to use semiautomatic welders on large frame structures where they were not used hitherto because of too difficult a transportation of the wire coils and wire feed unit from place to place for welding short seams. The installation consists of a hinged frame with two 4 meter long arms and a 10 meter long monorail suspended on them. The arms are attached to the shop building columns. The wire feed unit and a drum with a coil of wire are placed on a trolley running on the monorail. The arms are made of a double-T bar and two 20 mm diameter steel rods welded to a post. Two shafts 35 mm in diameter are inserted into two bushes welded to the post, and radial ball bearings are mounted on the shafts. The bottom shaft rests on a thrust ball bearing. The bearing casings are bolted to the supporting plates which are welded to the building columns. The arms can

Card 1/2

Auxiliary installation for semiautomatic welding

S/125/61/000/002/009/013
A161/A133

swing through 180°. A shaft at the outer arm end, in a cylindrical bearing forms a hinge on a steel plate. The plate is attached with a bolt to the monorail made of same no. 12 double-T bar as the arms. The platform bearing the welding accessories is hinged to the trolley and insulated from the other metal parts. The whole system is displaced easily, and the operator pulls it along by the hose cable. [Essentially full translation]. There are 2 figures.

ASSOCIATION: Ordena Trudovogo Krasnogo Znameni Dnepropetrovskiy zavod metallokonstruktsiy im. Babushkina (Dnepropetrovsk "Order of the Red Banner of Labor" Metal Structures Plant im. Babushkin)

SUBMITTED: July 12, 1960

Card 2/2

DOBROSERDOV, V.P.; SIDORUK, V.S.

Auxiliary devices for semiautomatic welding. Avtom. svar. 14
no.2:86-87 P '61. (MIRA 14:1)

1. Ordona Trudovog, Krasnogo Znameni Dnepropetrovskiy zavod
metallokonstruktsii, imeni Babushkina.
(Electric welding--Equipment and supplies)

LEBED', D.P.; VOROB'YEV, V.M.; SIDORUK, V.S.

Automatic butt welding with suspended split electrodes and without
manual backup welding. Avtom.svar. 15 no.4:78-81 Ap '62.
(MIRA 15:3)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni zavod
metallokonstruktsiy imeni Babushkina.
(Electric welding)

LEBED', D.P.; VOROB'YEV, V.M.; SIDORUK, V.S.; OKARA, V.G.

Automatic square-butt welding of metal having a thickness of
40mm using a flux padding and a DTS-24 welding tractor. Avtom.
svar. 15 no.9:79-81 S '62. (MIRA 15:9)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni zavod
metallokonstruktiv im. Babushkina.

(Plates, Iron and steel--Welding)
(Electric welding--Equipment and supplies)

LEBED', D.P.; SIDORUK, V.S.

Hot cracking. Avtom. svar. 16 no. 2:41-42 F '63. (MIRA 16:4)

1. Dnepropetrovskiy zavod metallokonstruktsiy imeni Babushkina.
(Thermal stresses)

L 9539-66 EWT(d)/EWT(m)/EWP(c)/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(s)/EWP(b)/EWP(l)/
ACC NR: AP5026287 EWA(c)/ETC(m) SOURCE CODE: UR/0125/65/000/010/0001/0006,
MJW/JD/NW/IM

AUTHOR: Dyatlov, V. I. (Doctor of technical sciences); Sidoruk, V. S. (Engineer)

ORG: Kiev Polytechnic Institute (Kiyevskiy politekhnicheskiy institut)

TITLE: Effect of technological conditions of welding on the proneness to form hot
cracks

SOURCE: Avtomaticheskaya svarka, no. 10, 1965, 1-6

TOPIC TAGS: hot crack, butt welding, welding technology, X ray detection, weld de-
fect, weld evaluation

ABSTRACT: Longitudinal hot cracks form as a result of transverse deformations during
welding, at the moment when the temperature range is such that the plasticity of the
metal decreases and hence also the number of plastic deformations developed in the
weld metal decreases. Proceeding from this premise, the author experimentally invest-
igated the welding conditions under which the desired weld properties may be attained.
8 mm thick plates of MSt.3¹ steel were butt-welded on a flux cushion by means of a
welding rod, with the presence of hot cracks being determined by means of a radio-
graphic examination of the welded joints. It was established that the number of spec-
imens with cracks and their length are indeed greatly affected by technological
conditions: welding regime, dimensions and shape of weld, strength of the welding

Card 1/2

WDC: 621.791.016; 620.191.32

L 9539-66

ACC NR: AP5026287

metal, sequence of welding operations, etc. This indicates that technological conditions affect the deformation field and hence also affect the mechanism of the formation of hot cracks. This mechanism may be controlled by correspondingly adapting the technological conditions. Thus, the following methods of preventing hot cracks may be proposed: application of long (up to 300 mm) tack welds; welding in segments with brief pauses -- the optimal pause is at the end of a weld; the final segment of a weld 200-300 mm long should be the first to be welded, with the welding performed in the direction from edges to the center line; and the regions adjoining the weld should be correspondingly heated during the welding. Orig. art. has: 2 figures, 5 tables.

SUB CODE: 11,13/ SUBM DATE: 13Nov64/ ORIG REV: 002/ OTH REV: 000

J.C.
2/2

SIDORUK, V.S., inzh.

Dependence of the structure of crystals in a weld on the technological parameters of welding conditions. Svar.proizv. no.5:11-13
My '65. (MIRA 18:6)

1. Dnepropetrovskiy zavod metallokonstruktsiy im. Babushkins.

LEBED', D.P.; VOROB'YEV, V.M.; OKARA, V.G.; SIDORUK, V.S.

Semiautomatic welding with powder wire. Avtom. svar. 18
no.8:54-55 Ag '65. (MIRA 18:11)

1. Dnepropetrovskiy zavod imeni Babushkina.

SHUL'GA, M.S. (g. Chernovtsy); SIDORYCHEVA, A.G.; SVIRIDOV, V.I.
(Rostov-na-Donu); SHEKHTERMAN, M.E. (g. Tiraspol');
ZHIGALOV, K.S. (pos. Bilimbay Sverdlovskoy oblasti); SERYAKOV, A.A.
(Murom); SAKEVICH, N.M. (Vitebsk); KAZANTSEV, I.I.

Readers suggestions. Fiz. v shkole 21 no.6:80-81 N-D '61.
(MIRA 14:12)

1. Turochakskaya srednyaya shkola Gorno-Altayskoy avtonomnoy
oblasti (for Kazantsev).

(Physics—Experiments)

SHILIN, L.L.; MURAVITSKAYA, G.N.; SIDORYCHEVA, A.M.

Distribution of strontium in alkali rocks and minerals of the
Khibiny massif. Trudy IGEM no.99:165-176 '63. (MIRA 16:9)
(Khibiny Mountains—Strontium)

CULTIVATED PLANTS. Potatoes. Vegetables.
REF ZHUR BIOCLOGIYA, NO. 4, 1959, No. 15650

AUTHOR Mackiewicz, St.; Sidoryk, St.
INST. Poznan Univ.

TITLE Observation of Potato Development Phases
Depending on Planting Dates.

ORIG. PUB. Roczn. nauk rolniczych, 1957, A74, No.2,
231-258

ABSTRACT A study of potato development phases depending
on planting dates was made in 1953-1954 at
the Colorado Potato Beetle Research Department
in Poznan (Poland). Participating in the ex-
periment in the main were 10 sorts, begin-
ning from the very early and ending with the
very late, with planting from March through
August. Among the sorts investigated were
isolated groups with early and late germin-
ation, with early and late budding. The

CARD: 1/2

SIDOV, Viktor.

Communist Youth Leaguers in the foreground of a competition. Sov.
torg. no.3:26-31 Mr '58. (MIRA 11:2)

1. Sekretar' komiteta Vsesoyuznogo Leninskogo Kommunisticheskogo
soyusa molodezhi Chelyabinskogo universiteta.
(Communist Youth League) (Department stores)

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... zatrudnionego na stanowisku dyrektora ds. wywiadu i bezpieczeństwa.

... zatrudnionego na stanowisku dyrektora ds. wywiadu i bezpieczeństwa.

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CIA-RDP86-00513R001550520004-9"

L 62101-65 EEO-2/EWT(d)/EEC(k)-2/EEC(t)/EED-2/ENA(c) Pn-4/Po-4/Pq-4/Pg-4/Pae-2/
ACCESSION NR: AP5016748 Pk-4/Pl-4 EC UR/0286/65/000/010/0072/0072
531.383 *<44*

AUTHOR: Demidenko, V. P.; Sidun, N. P. *B*

TITLE: Gyroscopic device. Class 42, No. 171125

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 10, 1965, 72

TOPIC TAGS: gyroscope, gyroscopic instrument

ABSTRACT: The Author Certificate introduces a gyro-device with a gimbal rotor-suspension and an arrangement for reducing the effect of friction moments relative to the rotation axis of the outer frame. The friction moments relative to the inner frame are also reduced by a pair of weights being rotated by the gyro-rotor (through reducers) and mounted symmetrically relative to the main gyro-axis. Orig. art. has: 1 figure. [AC]

ASSOCIATION: none

SUBMITTED: 27Apr64

ENCL: 01

SUB CODE: NG

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4039

Card 1/2

L 62101-65
ACCESSION NR: AP5016746

ENCLOSURE: 01

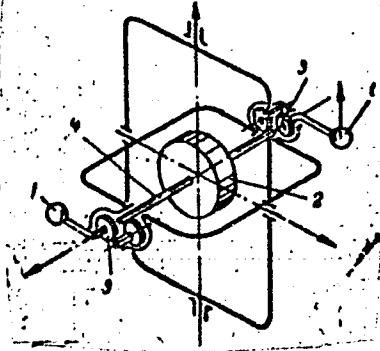


Fig. 1. Gyroscopic device

- 1 - Weights; 2 - rotor;
3 - reducing gears;
4 - principal axis.

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Card 2/2